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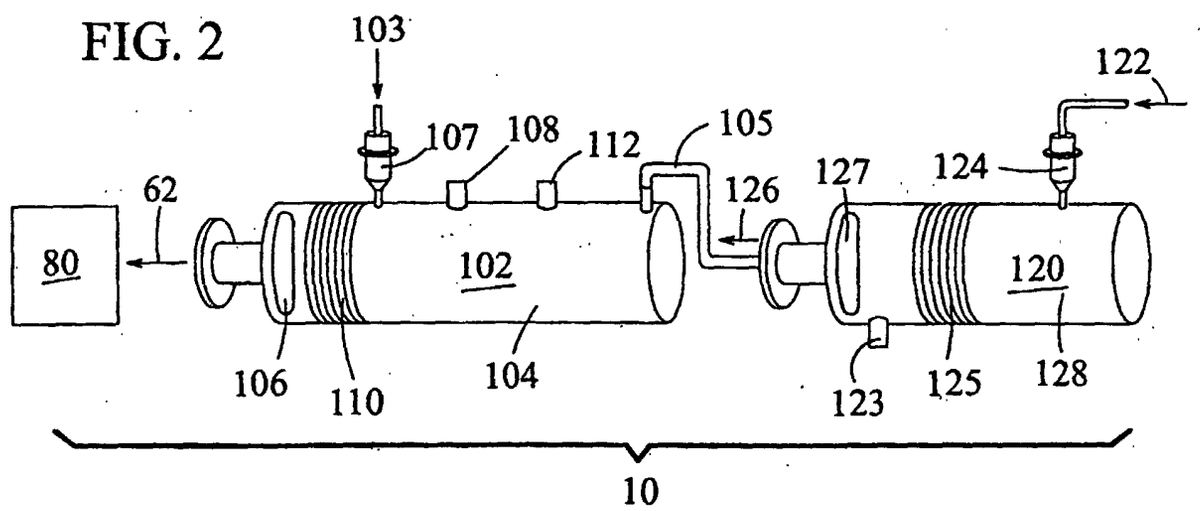
## (54) Fuel reformer system

(57) A method of main reformer (102) startup is disclosed. The method comprises introducing a first supply of fuel (122) and a first supply of air (123) into a micro-reformer (120). The first supply of fuel (123) is increased to produce a heated reformate (126) in the micro-reformer (120). The heated reformate (126) is directed through a main reformer (102) in order to heat the main reformer (102). At least a portion of the heated reformate (126) is burned in the main reformer (102). A second supply of fuel (103) and a second supply of air (108) is introduced into the main reformer (102) to produce a main supply of reformate (62). A method for maintaining a vehicle device in standby condition is also disclosed.

FIG. 2

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# EUROPEAN SEARCH REPORT

Application Number
EP 02 07 5165

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| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int.Cl.7) |
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| C01B<br>B01J<br>B60L<br>H01M |

The present search report has been drawn up for all claims

| Place of search | Date of completion of the search | Examiner |
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| THE HAGUE | 5 January 2004 | Engelen, K |

CATEGORY OF CITED DOCUMENTS

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EPO FORM 1503 03.82 (P04C01)

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